

tank for the generator, and wherein fuel data based on the fuel level is provided on the user interface.

- 20 The electric power monitoring system of claim 19 wherein the user interface measures total electric power consumed by the power distribution system, measures the fuel consumed for generating the power, and presents a cost per energy unit for comparison with current or available utility rates.
- 21 The electric power monitoring system of claim 1 wherein the at least one load control comprises a variable circuit breaker that adjusts dynamically to the transmitted load capability.
- 22 The electric power monitoring system of claim 1 wherein the at least one load control comprises an outlet adapter that closes an outlet to an appliance plug when load capability from the electric source is below a predetermined level.
- 23 The electric power monitoring system of claim 1 wherein the load capability is determined based on a reference output intended to reduce power consumption during peak load or reduced power conditions.